



GET STARTED ON AN IN-DEMAND CAREER.

DANA MECHATRONICS ENGINEERING CERTIFICATE

Mechatronics Engineering is a multi-disciplinary program incorporating mechanical systems, electricity/electronics principles and applications, automation and controls, and elements of system drawing and design.

Mechatronics engineering technicians use a combination of mechanical, electrical, and computer software skills to work with and draw and design industrial applications with automated systems and computer-integrated manufacturing equipment.

JOB OPPORTUNITIES

Sample of career fields and choices include:

- Engineering Technician
- Engineering Specialist
- Electro-Mechanical Designer

LOCATIONS

Findlay-area Campus
Toledo-area Campus

SALARY

The average salary for a mechatronics technician in the Toledo, Ohio area is \$60,000*.

* <https://www.onetonline.org/link/localwages/17-3024.00?zip=43699&g=Go>

REQUIRED COURSES

1ST SEMESTER

ENV 115	OSHA 30 hour Const Safety	Credits: 3(Lec: 3)
SKT 157	Plant Equipment: Gear/Bearings	Credits: 3(Lec: 2 Lab: 2)
MTH 133	Quantitative Reasoning *	Credits: 3(Lec: 3 Lab: 1)
SKT 131	Electrical Prints	Credits: 3(Lec: 3)

2ND SEMESTER

SKT 132	Electrical Prints: Controls	Credits: 3(Lec: 3)
SKT 171	Electricity: DC Principles	Credits: 3(Lec: 3)
SKT 142	Mechanical Print Reading	Credits: 3(Lec: 2 Lab: 2)
SKT 181	Motor Control Systems: I	Credits: 2(Lec: 1.50 Lab: 1.50)

3RD SEMESTER

SKT 153	Fluid Power: Pneumatics/Logic	Credits: 3(Lec: 2 Lab: 2)
SKT 151	Fluid Power: Hydraulics	Credits: 3(Lec: 2 Lab: 2)
EET 165	Automation Control: PLC I	Credits: 2(Lec: 1.50 Lab: 1.50)
PHY 143	Applied Industrial Physics	Credits: 3(Lec: 3)
CAD 125	Production Drawing	Credits: 3(Lec: 2 Lab: 3)

*Ohio Transfer Module Course
More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

OWENS.EDU

Office of Admissions

Toledo-area Campus - (567) 661-7777
Findlay-area Campus - (567) 429-3509

Department of Skilled Trades and Apprenticeship Programs

(567) 661-7169



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